2018–2019 Technology Lending

Program authority:	General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85th Texas Legislature; Texas Education Code Section 32.301	FOR TEA USE ONLY Write NOGA ID here
Grant Period:	May 1, 2018, to August 31, 2019	
Application deadline:	5:00 p.m. Central Time, February 6, 2018	Place date stamp here
Submittal information:	Applicants must submit one original copy of the application with an original signature, and two copies of the application, printed on one side only and signed by a person authorized to bind the applicant to a contractual agreement, must be received no later than the aforementioned date and time at this address: Document Control Center, Grants Administration Division Texas Education Agency, 1701 North Congress Ave. Austin, TX 78701-1494	
Contact information:	Kathy Ferguson: techlending@tea.texas.gov; (512) 463-9087	

Schedule #1—General Information

Part 1: Applicant Information

Organization name	County-District #			Amendment #
Sherman ISD	**091-906**			
Vendor ID #	ESC Region #			
75-6002443	10			

Mailing address		City	State	ZIP Code
2701 Loy Lake Road		Sherman	TX	75090

Primary Contact

First name	M.I.	Last name	Title
Mignon	C.	Plyler	Director of Technology

Telephone #	Email address	FAX #
903-891-6423	mplyler@shermanisd.net	903-891-6424

Secondary Contact

First name	M.I.	Last name	Title
Susan		Whitenack	Assistant Superintendent of Curriculum and Instruction

Telephone #	Email address	FAX #
903-891-6400	swhitenack@shermanisd.net	903-891-6424

Part 2: Certification and Incorporation

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.

Authorized Official:

First name	M.I.	Last name	Title
David		Hicks	Superintendent
Telephone #		Email address	FAX #
903-891-6400		dhicks@shermanisd.net	903-891-6424

Signature (blue ink preferred)   Date signed

David Hicks   February 5, 2018

Only the legally responsible party may sign this application.

Schedule #1—General Information	
County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Part 3: Schedules Required for New or Amended Applications

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule #	Schedule Name	Application Type	
		New	**Amended**
1	General Information	☒	☒
2	Required Attachments and Provisions and Assurances	☒	N/A
4	Request for Amendment	N/A	☒
5	Program Executive Summary	☒	☐
6	Program Budget Summary	☒	☐
8	Professional and Contracted Services (6200)	See Important Note For Competitive Grants*	☐
9	Supplies and Materials (6300)		☐
10	Other Operating Costs (6400)		☐
11	Capital Outlay (6600)		☐
12	Demographics and Participants to Be Served with Grant Funds	☒	☐
13	Needs Assessment	☒	☐
14	Management Plan	☒	☐
15	Project Evaluation	☒	☐
16	Responses to Statutory Requirements	☒	☐
17	Responses to TEA Requirements	☒	☐

*IMPORTANT NOTE FOR COMPETITIVE GRANTS: Schedules #8, #9, #10 and #11 are required schedules if any dollar amount is entered for the corresponding class/object code on Schedule #6—Program Budget Summary. For example, if any dollar amount is budgeted for class/object code 6200 on Schedule #6—Program Budget Summary, then Schedule #8—Professional and Contracted Services (6200) is required. If it is either blank or missing from the application, **the application will be disqualified.**

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Via telephone/fax/email (circle as appropriate)	By TEA staff person:

Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Part 1: Required Attachments

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment
No fiscal-related attachments are required for this grant.		

#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment
1	LEA Technology Plan Template	If an LEA does not have a 2016–2017 Technology Plan on file with TEA, it must show evidence of a current local technology plan on participating campuses by completing the LEA Technology Plan Template.

Part 2: Acceptance and Compliance

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.
Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.

X	Acceptance and Compliance
☒	I certify my acceptance of and compliance with the General and Fiscal Guidelines.
☒	I certify my acceptance of and compliance with the program guidelines for this grant.
☒	I certify my acceptance of and compliance with all General Provisions and Assurances requirements.
☒	I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all Debarment and Suspension Certification requirements.

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Schedule #2—Required Attachments and Provisions and Assurances	
County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Part 3: Program-Specific Provisions and Assurances

☒   I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
4.	The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home
5.	The applicant understands that equipment purchased with Technology Lending Grant funds is the property of the LEA.
6.	The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
7.	The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
8.	The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
9.	The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
10.	The applicant assures that it has a 2016–2017 LEA technology plan on file with TEA, or that it will show evidence of a current local technology plan on participating campuses by completing the Required Program-Related Attachment outlined on page 18 of the Program Guidelines.
11.	The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.
12.	The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data

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Schedule #5—Program Executive Summary

County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

List the campuses that will be served with these funds. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

Piner Middle School

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary.

Educators have been talking about the "digital divide" for two decades, and while some progress has been made in closing the gap, inequities persist in communities across the country. Major efforts have been undertaken to improve access to new technologies in lower-income school districts, but as more teachers turn to digital learning, Keith Krueger, CEO of the Consortium for School Networking (CoSN) worries that "technology will be one more way to expand inequities rather than a bridge to narrow the "homework gap." The "homework gap" is a term used to describe the barriers students face when working on homework assignments without a reliable Internet source at home. This gap has widened as an increasing number of schools incorporate Internet-based learning into daily curriculum.

The state of Texas has established education objectives requiring the implementation of technology to increase the effectiveness of student learning, instructional management, and staff development. In Sherman ISD, district, campus, and technology plan goals include the integration of technology into classroom instruction, at all campuses in all classrooms. Sherman ISD currently has a BYOD wireless network. However, many students lack devices to connect. Most Sherman ISD classrooms have desktop computers but limited access to devices for student checkout and use. In the Sherman ISD district improvement plan, providing students access to devices was identified as a district priority.

With rigorous state testing in place and the need to develop digitally literate students, educators realize the need to implement the best teaching practices to reach each and every student on our campuses. Educators must provide an instructional model that gives students the most support and practice inside and outside the classroom to be successful on the STAAR test, to develop digital literacy skills, and to maximize opportunities for learning. Teachers need instructional strategies that encompasses all learning styles and includes the use of technology The Sherman ISD District Technology Plan states that district will develop strategies for students to improve academic achievement to master the Texas Essential Knowledge and Skills in all subject areas.

The proposed program would allow economically disadvantaged students to check out a Chromebook and Kajeet Smartspot,with Internet connectivity, to access and use district provided online digital instructional materials including access to Google Classroom. The process would allow students to be active learners responsible for their education.

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Schedule #5—Program Executive Summary (cont.)

County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

This project will allow Piner Middle School to implement blended learning practices in identified STAAR tested areas. The Texas History department will also address specific technology skills to increase achievement as specified in the Piner Middle School campus improvement plan.
Piner Middle School has a high percentage (63.7%) of students who are classified as economically disadvantaged, and due to the inclusion program, many students with disabilities are educated in the regular classroom environment. Allowing students to participate in the Chromebook and Kajeet Smartspot lending program will provide equitable access to Internet capable technology for both targeted and non-targeted students.

Blended learning allows the addition of technology to enhance the student's learning experience. Blended learning combines classroom learning with online learning, in which students can, in part control the time, pace, and place of their learning. In this project, teachers will leverage Google Classroom to create a virtual classroom, integrating many learning styles using Chromebooks and Kajeet Smartspots at home or in the classroom. By using a blended learning model a variety of learners are reached where they learn best and while improving student's digital skillset.

Unfortunately all students do not have access to technology at home and are not able to participate in blended learning opportunities. This grant will enable Sherman ISD to provide access to Chromebooks and Kajeet Smartspots for economically disadvantaged students who lack access to personal technology. Students will be allowed to check out a device and a hotspot for use at home to complete educational activities as an extension of the classroom. In the event the student has Internet access but lacks a device, the student can check out a device only or a Smartspot only, depending on the need. The use of the Chromebooks and Kajeet Smart spots purchased with the grant will allow us to partially address the homework gap in Sherman ISD at Piner Middle School.

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Schedule #6—Program Budget Summary

County-district number or vendor ID: **091-906**		Amendment # (for amendments only):			

Program authority: General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85th Texas Legislature; Texas Education Code Section, 32.301

Grant period: May 1, 2018, to August 31, 2019		Fund code: 410			

Budget Summary

Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost
Schedule #8	Professional and Contracted Services (6200)	6200	$38,886.20	$0	$38,886.20
Schedule #9	Supplies and Materials (6300)	6300	$60,920.86	$0	$60,920.86
Schedule #10	Other Operating Costs (6400)	6400	$0	$0	$0
Schedule #11	Capital Outlay (6600)	6600	$0	$0	$0
Total direct costs:			$99,807.06	$0	$99,807.06
Percentage% indirect costs (see note):			N/A	$0	$0
Grand total of budgeted costs (add all entries in each column):			**$99,807.06**	**$0**	**$99,807.06**

Administrative Cost Calculation

Enter the total grant amount requested:	$99,807.06
Percentage limit on administrative costs established for the program (15%):	× .15
Multiply and round down to the nearest whole dollar. Enter the result. This is the maximum amount allowable for administrative costs, including indirect costs:	$14,971.00

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

If selected for a competitive grant, your award amount will be the lesser of the grand total of budgeted costs as stated on this schedule (the box with the bold outline), or the sum of all line items listed on this schedule, or the maximum allowable award amount. TEA is not responsible for math errors.

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Schedule #8—Professional and Contracted Services (6200)		
County-district number or vendor ID: **091-906**		Amendment # (for amendments only):
NOTE: Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.		

Professional and Contracted Services		
#	Description of Service and Purpose	Grant Amount Budgeted
1	130 - Kajeet 6620 Smartspots to provide filtered Internet access for student device to allow students access to Internet at home	$20,796.10
2	130 - Custom 1GB data Plan: 1GB per month, Kajeet Swentinal, custom policies, Kajeet EMP Service; Data plan to provide filtered Internet access for student device to allow students access to Internet at home	$16,861.00
3	1 – Set up Fee Telco, Network Access Fees: Required for Kajeet Smartspots to Access Internet	$1079.10
4	1 – Shipping for delivery of the Kajeet Smartspots to the school district.	150.00
5		$0
6		$0
7		$0
8		$0
9		$0
10		$0
11		$0
12		$0
13		$0
14		$0
a.	Subtotal of professional and contracted services:	$38,886.20
b.	Remaining 6200—Professional and contracted services that do not require specific approval:	$0
	(Sum of lines a and b) Grand total	$38,886.20

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #9—Supplies and Materials (6300)		
County-District Number or Vendor ID: **091-906**	Amendment number (for amendments only):	
Supplies and Materials Requiring Specific Approval		
		Grant Amount Budgeted
	182 - Dell Chromebooks 11 3189 – 11.6 Celeron N3060 – 4GB Ram	$56,418.18
	182 - Google Chrome Managemeng Console Licenses	$4,502.68
6300	Total supplies and materials that do not require specific approval:	$0
	Grand total:	**$60,920.86**

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #10—Other Operating Costs (6400)		
County-District Number or Vendor ID: 091-906	Amendment number (for amendments only):	
Expense Item Description		**Grant Amount Budgeted**
6400	Operating costs that do not require specific approval:	$0
	Grand total:	$0

In-state travel for employees does not require specific approval.

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted
**Schedule #11—Capital Outlay (6600)**				

Schedule #11—Capital Outlay (6600)

County-District Number or Vendor ID: **091-906**   Amendment number (for amendments only):

#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted
66XX—Computing Devices, capitalized				
1			$	$0
2			$	$0
3			$	$0
4			$	$0
5			$	$0
6			$	$0
7			$	$0
8			$	$0
9			$	$0
10			$	$0
66XX—Software, capitalized				
11			$	$0
12			$	$0
13			$	$0
14			$	$0
15			$	$0
16			$	$0
17			$	$0
66XX—Equipment, furniture, or vehicles				
18			$	$0
19			$	$0
20			$	$0
21			$	$0
22			$	$0
23			$	$0
24			$	$0
25			$	$0
26			$	$0
27			$	$0
			Grand total:	$0

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #12—Demographics and Participants to Be Served with Grant Funds

County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Part 1: Student Demographics of Population To Be Served With Grant Funds. Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comment section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program. Response is limited to space provided. Use Arial font, no smaller than 10 point.

Student Category	Student Number	Student Percentage	Comment
Economically disadvantaged	660	63.7%	
Limited English proficient (LEP)	187	18.1%	
Disciplinary placements	36	3.48 %	
Attendance rate	NA	DNA%	
Annual dropout rate (Gr 9-12)	NA	DNA%	

Part 2: Students To Be Served With Grant Funds. Enter the number of students in each grade, by type of school, projected to be served under the grant program.

School Type:	☒ Public	☐ Open-Enrollment Charter	☐ Private Nonprofit	☐ Private For Profit	☐ Public Institution

Students

PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
								330	330					660

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Schedule #13—Needs Assessment	
County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired outcome or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. If this application is for a district level grant that will only serve specific campuses, list the name of the campus(es) to be served and why they were selected. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

This grant application is a district level grant that will serve the students and teachers of Piner Middle School. Piner Middle School was selected for the grant because it serves as a feeder school to Sherman High School. It is imperative for student success at Sherman High School, that students promoting from Piner Middle School meet the requirements of the Technology Application(TA) TEKS. To adequately meet the TA TEKS, student must have access to digital resources, including devices, and be prepared to effectively use them to enhance and take responsibility for their own learning.

Sherman ISD utilizes a systemic process for identifying and prioritizing needs. The needs assessment process for this project consisted of examining district demographic data, results of the 8th grade technology literacy scores, and campus results on state mandated testing instruments. According to the results of the fall Clarity BrightBytes survey 78% of our students have access to the internet at home, 75% have access to a device at home and 44% of those with access share a device with others in the home, leaving a significant number of Piner Middle school without access to the necessary digital resources for participating in a blended learning environment. In addition, Sheman ISD conducted an assessment to measure the digital literacy of 407 8th grade students. Of the 407 students taking the Learning.com assessment, 56.3% met the profeiciency standard. Of the 43.7% not meeting proficiency on the digital literacy assessment, a significant percentage of the students were economically disadvantaged. One of the Sherman ISD District Improvement plan performance objectives states that 100 % of students will be digitally literate. Because 43.7 % of Piner Middle School students did not meet proficiency on the digital literacy assessment, it was determined that the need exists for greater emphasis, integration, and access to digital tools.

At this time, Piner Middle School has limited technology lending equipment. Of the 1,036 students reported on the 2017 – 2018 fall PEIMS submission over 660 students participated in the free or reduced lunch program. In the classroom teachers have reported at least 50% of the students do not have access at home for projects and assignments requiring technology.

If this project is selected, the parents and students will complete a technology survey in their advisory class on the night of orientation. The parents and students who do not attend orientation will be given the survey the first day of class and ask that it be returned by the end of the first week of school. The survey will help us determine the number of students without technology necessary for the blended classrooms.

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Schedule #13—Needs Assessment (cont.)	
County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Part 2: Alignment with Grant Goals and Objectives. List your top five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Identified Need	How Implemented Grant Program Would Address
1.	Students need access to technology devices.	The grant will provide Chromebooks, available for student check out with priority given to economically disadvantaged students. Chromebooks may be checked out separately if Internet access is available.
2.	Student need access to the Internet to participate in blended learning opportunities any time, any place, especially at their place of residence.	The grant will provide Kajeet SmartSpots, available for student check out with priority given to economically disadvantaged students.SmartSpots will be available for student check out separately if student has a device.
3.	Students need equitable access to digital learning resources beyond the school day to address the "Homework Gap"	This grant program will provide a device and Internet access to economically disadvantaged students who currently do not have access.
4.	The need to implement blended learning and expand opportunities for students that increase higher order thinking skills and address achievement gaps on standardized STAAR test.	This grant will allow Piner Middle School the resources to extend the learning day for students who are economically disadvantaged. Hopefully it will help level the digital playing field for the student participating in the project.
5.	The need to improve the digital literacy skills of 7th and 8th grade students	By providing access to digital resources and establishing the expectation that digital tools are productivity tools with the potential to facilitate the development of higher order thinking skills, collaboration, and communication skills, students at Piner Middle School students will have equitable access to obtain and improve their digital literacy skills necessary for success at Sherman High School and beyond.

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Schedule #14—Management Plan

County-district number or vendor ID: 091-906	Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1.	Director of Technoloy	Technology Application Certification; Administrator Certification; Experience writing and implementing a district technology plan, coordinating district level technical and instructional technology objectives; writing and implementing TEA grant programs
2.	Technology Integration Specialist	Technology Applications Certification; Experience writing and implementing instructional technology objectives and curriculum; Experience coordinating district and campus level technology objectives; Google Level I and II Certification; Strong organizational skills
3.	Campus Technology Specialist	Tech App Certification; Experience coordinating campus level technical and instructional technology objectives; Google Level I and II Certification; Strong organizational skills; Experience supporting a blended learning environment
4.	Instructional Coaches	Certification in core content areas; Experience integrating technology in core content areas; Experience supporting a blended learning envirionment.
5.	Campus Administrator	Principal Certification; Experience leading the integration of technology at the campus level; Experience supporting a blended learning envirionment.

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective		Milestone	Begin Activity	End Activity
1.	Provide student access to devices and Internet	1.	Purchase/receive devices and access points.	05/01/2018	05/30/2018
		2.	Inventory and configure devices for distribution.	06/01/2018	07/20/2018
		3.			
		4.			
		5.			
2.	Program Evaluation Data	1.	Pre-grant assessment to gather data for the Performance measure benchmarks	07/15/2018	08/01/2018
		2.	Post-grant assessment and data gathering	08/01/2019	08/31/2019
		3.			
		4.			
		5.			
3.	Identifying Students for Technology Lending Program	1.	Needs survey for students and parent at Orientation	08/05/2018	8/31/2018
		2.			
		3.			
		4.			
		5.			
4.	Training for Parents/Students; Check out tables	1.	Parent/Student/Training Workshop	09/04/2018	09/14/2018
		2.	Parent/Student Lending/Responsible Use Contract	09/04/2018	09/14/2018
		3.	Check out Chromebooks	09/04/2018	09/14/2018
		4.			
		5.			
5.	Teacher Professional Development and Implementation	1.	Professional Dev. on Chromebooks, Blended Learning, Technology Application TEKS	06/2018	06/2018
		2.	Professional Dev. On Available Digital Resources	07/2019	07/2018
		3.	Teachers implement blended classroom activities	9/21/2018	Ongoing
		4.			

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Schedule #14—Management Plan (cont.)

County-district number or vendor ID: 091-906	Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

A variety of processes and procedures are currently utilized to monitor and communicate the attainment of goals and objectives. Campus administrators, C & I staff, instructional coaches, technology staff and teachers continuously monitor the attainment of goals and objectives. Teachers develop lesson plans and deliver training and support that allows students to obtain their goal and objectives. Sherman ISD uses multiple Univeral Screeners, including iStation, MAP, etc that provide ongoing data on student growth and development to help determine intervention and instruction levels. Sherman ISD Administrators also use T-TESS and T-PESS to monitor and adjust teacher and administrator goals. A variety of avenues are used to communitcate changes when necessary throughout the district, including faculty meetings, team meettings, the district website, social media, automated phone calls, and direct mailings.

To monitor the project and provide feedback at the participating campus for this grant, the District and Campus Coordinator will implement and monitor the following opportunites and activities:
- Teachers will attend professional development opportunities pertaining to a blended learning environment, Google classroom, and leveraging digital resources for teaching and learning.
- During weekly teacher team meetings student activities and access issues will be discussed, addressed and adjusted based on student need.
- A parent/student survey will be conducted at the end of the first semester and the end of the school year to access the success of the program.
- Teachers will meet quarterly to share successes, evaluate student progress, and adjust as needed. The results will be forwarded to the grant coordinator.

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Integrating technology at all campuses in all grade levels is a goal identified in the Sherman ISD district improvement plan. Increasing the use of technology and incorporating blended learning opportunities is a priority for the district. Currently teachers are using Google Classroom as a tool for teaching and learning. However, due to inequitable access to devices and the Internet beyond the school day for many students, the use of digital resources is confined to time at school. This project will provide students and teachers with the opportunity to extend learning beyond the walls and time constraints of the school day. This project will allow teachers to maximize their use of Google classroom and the many digital resources available to students by providing devices and Internet access to students at their residences.

To maximize the use of grant funds, the Campus Technology Specialist will collaborate with teachers on the campus to ensure technology opportunities are integrated into classroom activities during team meetings. The campus coordinator will also monitor the number and percent of students who check out devices. The campus technology specialist and the district Technology integration specialist will provide ongoing training for teachers, students, and parents to maximize the opportunities provided by the Chromebooks and Kajeet Smartspot Internet devices.

This project will support both campus and district goals regarding the integration of technology at Piner Middle School and the provision of equitable student access to technology. This project will also build on a previous Technology Lending Grant and will potentially serve as a model for future technology lending projects.

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Schedule #15—Project Evaluation

County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Evaluation Method/Process		Associated Indicator of Accomplishment
1.	Universal Screener	1.	Improved scores
		2.	Improved participation
		3.	
2.	Attendance Records	1.	Attendance for students participating will improve from previous year.
		2.	Increased number and percent of students checking out devices
		3.	
3.	8ᵗʰ Grade Digital Literacy Assessment	1.	Percentage of student mastering digital literacy on assessment will increase
		2.	All participating students will demonstrate master of digital citizenship TEKS
		3.	Improved digital literacy skills
4.	STAAR Test	1.	Improved STAAR scores for students participating in the grant
		2.	
		3.	
5.	Observation	1.	Increased student engagement
		2.	Students participation in Google Classroom
		3.	Increased student use of district provided digital resources.

Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

A database will be created and maintained to collect data as specified in the **Performance Measures** section of the Technology Lending program guidelines on p. 15. The Director of Technology and Campus Technology Specialist will coordinate with the Campus Administrator to prepare a pre-grant assessment to establish a benchmark for the mandatory performance measures. Monthly, through the duration of the grant, the Campus Technology Specialist and teachers will continuously collect and report the appropriate data to the Campus Administrator and to the Director of Technology. The following performance measures will be documented:

1. Number and percent of students who checked out a device as part of the technology lending program by grade level
2. Number and percent of eligible economically disadvantaged students participating in the technology lending program
3. Number and percent of eligible economically disadvantaged students who had Internet access installed in their residences as part of the technology lending program
4. Ratio (e.g., 1:1) of technology devices to students needing devices on participating campuses.
5. Number and names of courses using digital instructional materials as part of the technology lending program
6. Titles of digital instructional materials used as part of the 2018–2019 Technology Lending Grant on participating campus(es).
7. Number and percent of teachers on participating campus(es) who leveraged digital instructional materials for students because of the technology lending program
8. Number of online courses taken by participating students because of the 2018–2019 Technology Lending Grant.
9. Number and percent of participating students who demonstrate proficiency on the TEKS for their grade level at the beginning and end of the grant period. NOTE: LEAs can use local methods to measure proficiency.
10. Number and percent of participating students who showed an increase in attendance during the 2018–2019 school year in comparison with the 2017–2018 school year.
11. Number and percent of participating students who showed an increase in academic achievement in the 2018–2019 school year in comparison with the 2017–2018 school year.

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Schedule #16—Responses to Statutory Requirements	
County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

Statutory Requirement 1: Applicant must describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The project will supplement an existing limited technology lending program. The funds for this project will be used to purchase 182 Chromebooks and 130 Kajeet SmartSpots for economically disadvantaged students at Piner Middle School. The Chromebooks and SmartSpots will provide the equipment necessary for economically disadvantaged students to obtain their assigned goals and objectives and will expand their learning opportunities beyond the school building into their homes

If this project is selected, the parents and students will complete a technology survey in their advisory class on the night of orientation. The parents and students who do not attend orientation will be given the survey the first day of class and ask that it be returned by the end of the first week of school. The survey will help us determine the number of students without technology necessary for the blended classrooms.

The funds from the Grant will be used to fulfill the needs made evident by the survey.
Once the Chromebooks and SmartSpots are purchased, each Chromebook will receive an asset tag number from the inventory/technology department. Parents and students will attend a workshop at the school where they will learn to use the devices. The parents and students will sign a contract, and the tablet will be check out to the student using the asset tag number as the tracker.

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Schedule #17—Responses to TEA Program Requirements

County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

TEA Program Requirement 1: Describe how the technology lending program aligns with the existing mission and goals for the LEA. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The state of Texas has established education objectives requiring the implementation of technology to increase the effectiveness of student learning, instructional management, and staff development. The district vision is "Equity and Excellence in Action". The district mission is "to ensure that each student is equipped to excel in our changing environment, through a school system characterized by an unrelenting passion for excellence."

In Sherman ISD, district, campus, and technology plan goals include the integration of technology into classroom instruction, at all campuses in all classrooms. Sherman ISD currently has a BYOD wireless network. However, many students lack devices to connect. Most Sherman ISD classrooms have desktop computers but limited access to devices for student checkout and use. In the Sherman ISD district improvement plan, providing students access to devices was identified as a district priority.

In line with the vision of Sherman ISD, the purpose of the Technology Lending Grant is to loan students the necessary equipment to access and use digital instructional materials, specifically students who may have limited access to technology when they are off campus thus providing an "equitable and excellent environment."

Sherman ISD had also adopted multiple digital resources as components of or in lieu of the textbook adoptions using IMA funds. Although the district has adopted many digital resources, there is little IMA funding remaining to purchase devices for students.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: **091-906**	Amendment # (for amendments only):

TEA Program Requirement 2: Describe a plan for providing internet access to student residences, residential centers, and/or on the buses that transport students (for whom a single ride lasts, on average, at least an hour) with the highest need for off-campus internet access. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Funding from this grant will be used to purchase 182 Chromebooks and 130 Kajeet SmartSpots with Internet access. The Kajeet Smartspots will provide a mobile device with access to filtered Internet. The devices will be subscribed to a 2GB data package so Internet access will be specific to the device, not the location. The Internet access will be filtered to meet the requirements of the Children's Internet Protection Act (CIPA). The Chromebooks and SmartSpots will provide the equipment necessary for economically disadvantaged students to obtain their assigned Goals and objectives.

The mobile access with provide students the flexibility of any time, any where learning, addressing the limitations of the Homework gap. If a student does not have Internet at their place of residence, a Kajeet Smartspot will be checked out to the student with the Chromebook or if they have Internet access, a Chromebook will be checked out.

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Schedule #17—Responses to TEA Program Requirements (cont.)

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TEA Program Requirement 3: Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The technology lending program aligns with the current curriculum, instruction, and classroom management at Piner Middle School in a variety of ways. Piner Middle School recently adopted and is implementing a restorative philosophy of discipline. Restorative discipline practice is a relational approach to building school climate and addressing student behavior by fostering belonging over exclusion, social engagement over control, and meaningful accountability over punishment. The technology lending grant will provide economically disadvantaged students opportunities to better acclimate into the system due to equitable access to resources, and may provide students opportunities to work with peers on projects enhancing social engagement. Currently Piner Middle School is using a varity of resources to help students adjust, specifically using blended instructional methods for Sped and ESL students. The 2017-18 Piner Improvement plan also cited the need for additional student devices for digital textbooks, resources, and to address curricular objectives.

TEA Program Requirement 4: Describe how the applicant is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Recently the 8th grade Piner ELAR teachers conducted an online research project leveraging Google Classroom and Noodle Tools. ELAR research TEKS were addressed in the research project. All 8th grade students researched a topic and learned how to use Noodle tools to develop the proper citations for their resources. This project developed writing skills and digital literacy skills. Leveraging the structure of Google classroom, teachers were able to provide resources and feedback to students online. The labs at Piner are scheduled weeks in advance and teachers must plan ahead to ensure all students have access to complete the assignments. The technology lending program will allow teachers to extend project, thus hopefully increasing the depth and quality of student product. The Campus Technology Specialist collaborated with the 8th grade teachers to integrate technology into the content area.

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Schedule #17—Responses to TEA Program Requirements (cont.)

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TEA Program Requirement 5: Describe how the infrastructure and technical support is adequate to support students' anticipated use of devices through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The equipment purchased in this grant meets the district equipment standards and is compatible with existing infrastructure. The wireless infrastructure at the campus is scheduled to be replaced with revenue from a reenttly passed bond program, the 182 Chromebooks will use the Kajeet SmartSpots and will not be reliant on Sherman ISD infrastructure.

The grant will be administered by the District Technology Director from the district technology office. The grant will be administered according to existing Sherman ISD policy and procedures. The district technology team will coordinate with the campus technology specialist and teachers to distribute and account for technology equipment according to existing technology lending procedures. Distribution of equipment will be based on student need as identified by district free/reduced lunch applications and student test data.

The Sherman ISD Technology team has procedures and policies in place to service and maintain district equipment. The equipment purchased with this grant will be serviced and maintained by district technicians on a timely basis. Sherman ISD will assume financial responsibility for the equipment once the one year manufacturer's warranty expires.

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Schedule #17—Responses to TEA Program Requirements (cont.)	
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TEA Program Requirement 6: Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The grant will be administered by the District Technology Director from the district technology office. The grant will be administered according to existing Sherman ISD policy and procedures. The district technology team will coordinate with the campus technology specialist and teachers to distribute and account for technology equipment according to existing technology lending procedures. Equipment will be received, processed, and added to the district inventory at the district technology office. Once the equipment is processed it will be delivered to the Campus Technology Specialist who offices in the Piner Middle School library. Devices will be stored and checked out by the campus technology specialist through the library. The campus technology specialist will coordinate with each department and the campus principal to determine students with greatest need and will develop a procedure for ensuring equitable access to economically disadvantaged students. Distribution of equipment will be based on student need as identified by district free/reduced lunch applications and student test data.

The Sherman ISD Technology team has procedures and policies in place to service and maintain district equipment. The equipment purchased with this grant will be serviced and maintained by district technicians on a timely basis. Sherman ISD will assume financial responsibility for the equipment once the one year manufacturer's warranty expires.

TEA Program Requirement 7: Describe how technology lending equipment will be accounted for per local policy, including providing insurance, if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Sherman ISD maintains a database of district technology lending equipment for both students and staff, Students and parents are required to complete a checkout form, signed by both student and parent. The Chromebooks will be asset tagged and included in the campus equipment inventory. Due to the nature of the equipment procured with this grant, students will be required to present the equipment onsite weekly to the campus technology specialist or classroom teacher for inspection. Due to the price of the equipment in this grant, once the one year warranty expires the district technology department will assume responsibility for repairs and maintenance.

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